

IN THE CLAIMS:

1. (Currently amended) A broadcast retransmitter for use with a wireless local area network (WLAN), comprising:

a gateway configured to format a bitstream received from a broadcast receiver, and including an aggregate signal resulting from a combination of a plurality of signals, at least one signal of said plurality of signals received from a satellite, for:

delivery to a wireless access point (WAP) of said WLAN; and

subsequent conversion by said WAP into a wireless transmission over said WLAN to make said bitstream available for reception by a client of said WLAN.

2. (Cancelled)

3. (Currently amended) The retransmitter as recited in Claim 1 wherein said broadcast receiver is comprises a terrestrial receiver.

4. (Original) The retransmitter as recited in Claim 1 wherein said gateway formats said bitstream according to a format selected from the group consisting of:

Ethernet,
IEEE 1394,
USB, and
PCI.

5. (Original) The retransmitter as recited in Claim 1 wherein said WLAN conforms to an IEEE 802.11 standard.

6. (Original) The retransmitter as recited in Claim 1 wherein said bitstream includes a plurality of channels and a channel is subsequently selected therefrom.

7. (Original) The retransmitter as recited in Claim 1 further comprising a channel selector interposing said broadcast receiver and said gateway, said bitstream including a selected channel.

8. (Currently amended) A method of retransmitting a broadcast over a wireless local area network (WLAN), comprising:

formatting a bitstream received from a broadcast receiver and containing said broadcast, and including an aggregate signal resulting from a combination of a plurality of signals, at least one

signal of said plurality of signals received from a satellite;

delivering said bitstream to a wireless access point of said WLAN; and

converting said bitstream into a wireless transmission over said WLAN to make said bitstream available for reception by a client of said WLAN.

9. (Cancelled)

10. (Currently amended) The method as recited in Claim 8 wherein said broadcast receiver ~~is~~ comprises a terrestrial receiver.

11. (Original) The method as recited in Claim 8 wherein said gateway formats said bitstream according to a format selected from the group consisting of:

Ethernet,

IEEE 1394,

USB, and

PCI.

12. (Original) The method as recited in Claim 8 wherein said WLAN conforms to an IEEE 802.11 standard.

13. (Original) The method as recited in Claim 8 wherein said bitstream includes a

plurality of channels and a channel is subsequently selected therefrom.

14. (Original) The method as recited in Claim 8 further comprising a channel selector interposing said broadcast receiver and said gateway, said bitstream including a selected channel.

15. (Currently amended) A broadcast retransmission system, comprising:
a broadcast receiver that receives a broadcast, and generates a bitstream containing said broadcast;

a gateway, coupled to said broadcast receiver, that generates a formatted bitstream for retransmission, that includes an aggregate signal resulting from a combination of a plurality of signals, at least one signal of said plurality of signals received from a satellite;

a wireless access point, coupled to said gateway, that receives and converts said formatted bitstream into a wireless transmission over a wireless local area network (WLAN) to make said bitstream available for reception by a client of said WLAN.

16. (Cancelled)

17. (Currently amended) The system as recited in Claim 4 15 wherein said broadcast receiver is comprises a terrestrial receiver.

18. (Currently amended) The system as recited in Claim 4 15 wherein said gateway

formats said bitstream according to a format selected from the group consisting of:

Ethernet,
IEEE 1394,
USB, and
PCI.

19. (Currently amended) The system as recited in Claim 4 15 wherein said WLAN conforms to an IEEE 802.11 standard.

20. (Currently amended) The system as recited in Claim 4 15 wherein said bitstream includes a plurality of channels and a channel is subsequently selected therefrom.

21. (Currently amended) The system as recited in Claim 4 15 further comprising a channel selector interposing said broadcast receiver and said gateway, said bitstream including a selected channel.

22. (New) The broadcast retransmitter of Claim 1, wherein said aggregate signal is generated by a maximal ratio combiner.